

ABSTRACT OF THE DISCLOSURE

A joint hinge, an ankle brace and a method of installing the joint hinge in an ankle brace. The joint hinge typically allows a patient or practitioner to set a range limiting system that includes threaded rods that are easy to screw in and out as the patient's range of motion changes. In a typical embodiment, a proximal plate rotates about a pin with respect to a distal plate. The pin is generally aligned with the patient's ankle. The range limiting system's rods screw toward and away from a portion of the proximal plate, thereby limiting the range of the proximal, and therefore, the distal plates. The proximal plate is connected to the proximal portion of the ankle brace and the distal plate is connected to the distal portion of the ankle brace.